

Docket No.RSW920030262US1

ABSTRACT OF THE DISCLOSURE**METHOD FOR GENERATING XSLT DOCUMENTS FROM
MULTIPLE VERSIONS OF A UML MODEL OR XML SCHEMAS
5 CREATED FROM MULTIPLE VERSIONS OF A UML MODEL**

A method, apparatus, and computer instructions are disclosed for generating XSLT documents from multiple 10 versions of a UML model or XML schemas created from multiple versions of a UML model. The innovative tool can take a newer and older version of a UML model, or the XML schemas created from a newer and older version of a UML model, and run those documents through a difference 15 tool that produces a report describing the changes made to the older version by the newer version. Then, an XSL template-match fragment can be created for each "feature added" change made to the older version. Each such XSL template-match fragment can be used to filter the 20 corresponding configuration settings from an XML document in the newer schema's format. Also, for each "feature added" change made to the older version, an XSL template-match fragment can be created and used to add the configuration setting(s) and a default value to an older 25 document. Consequently, a document having the older schema's format can be transformed into the new format (e.g., by adding new attribute values for the attributes that were added to the UML model).